

Product datasheet for **RG207405**

TAF A5 (NM_001082967) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAF A5 (NM_001082967) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TAF A5
Synonyms: FAM19A5; QLLK5208; TAF A-5; UNQ5208
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG207405 representing NM_001082967
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTCAACTTTCTGGCGTTCATGATCCTGGCCAGCCTGCTCATCGCCTACTGCAGTCAGCTGGCCG
CCGGCACCTGTGAGATTGTGACCTTGGACCGGGACAGCAGCCAGCCTCGGAGGACGATCGCCCGGCAGAC
CGCCCGCTGTGCGGTGTAGAAAGGGGCAGATCGCCGGCACCACGAGAGCCCGCCCGCTGTGTGGACGCA
AGAATCATCAAGACCAAGCAGTGGTGTGACATGCTTCCGTGTCTGGAGGGGAAGGCTGCGACTTGTAA
TCAACCGGTCAGGCTGGACGTGCACGACCCGGCGGGAGGATAAAGACCACCACGGTCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG207405 representing NM_001082967
Red=Cloning site Green=Tags(s)
MSSTFWAFMILASLLIAYCSQLAAGTCEIVTLDRDSSQPRRTIARQTARACRKGQIAGTTRARPACVDA
RIIKTKQWCDMLPCLEGECDLLINRSWGTCTQPGRIKTTTVS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001082967.1</u> , <u>NP_001076436.1</u>
RefSeq Size:	2615 bp
RefSeq ORF:	399 bp
Locus ID:	25817
UniProt ID:	<u>Q7Z5A7</u>
Cytogenetics:	22q13.32
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	This gene is a member of the TAF5 family which is composed of five highly homologous genes that encode small secreted proteins. These proteins contain conserved cysteine residues at fixed positions, and are distantly related to MIP-1alpha, a member of the CC-chemokine family. The TAF5 proteins are predominantly expressed in specific regions of the brain, and are postulated to function as brain-specific chemokines or neurokinins that act as regulators of immune and nervous cells. [provided by RefSeq, Sep 2013]